

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 10 | ((chip-on-chip) with ((through-hole) or (through adj hole))) and @ad<="20030828" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:46 |
| S8 | 1778 | (257/686).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 12:42 |
| S9 | 1489 | (257/777).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 10:37 |
| S10 | 2366 | (257/778).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 10:37 |
| S11 | 1222 | (257/780).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 10:37 |
| S12 | 623 | (257/790).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 10:37 |

EAST Search History

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|-------------------|--|--|--------------------|----|-----|------------------|
| S13 | 126 | ("6,313,522") or ("6,172,419") or ("3,851,221") or ("4,398,235") or ("4,530,152") or ("4,567,643") or ("4,707,724") or ("4,729,061") or ("4,730,232") or ("4,756,080") or ("4,763,188") or ("4,982,265") or ("4,996,587") or ("5,012,323") or ("5,025,306") or ("5,040,052") or ("5,138,438") or ("5,140,404") or ("5,157,480") or ("5,165,067") or ("5,198,888") or ("5,200,362") or ("5,229,647") or ("5,241,133") or ("5,273,938") or ("5,291,061") or ("5,323,060") or ("5,334,875") or ("5,347,429") or ("5,394,010") or ("5,422,435") or ("5,426,563") or ("5,432,729") or ("5,438,224") or ("5,463,253") or ("5,473,196") or ("5,474,957") or ("5,474,958") or ("5,491,612") or ("5,495,394") or ("5,495,398") or ("5,502,289") or ("5,514,907") or ("5,569,625") or ("5,581,498") or ("5,587,341") or ("5,594,275") or ("5,604,376") or ("5,614,766") or ("5,620,928") or ("5,625,221") or ("5,637,536") or ("5,637,912") or ("5,646,828") or ("5,650,593") or ("5,668,405") or ("5,677,569") or ("5,682,062") or ("5,689,135") or ("5,696,031") or ("5,696,666") or ("5,715,147") or ("5,721,452") or ("5,729,051") or ("5,739,581") or ("5,744,827") or ("5,760,471") or ("5,763,939") or ("5,767,528") or ("5,777,387") or ("5,783,870") or ("5,786,239") or ("5,793,108") or ("5,798,014") or ("5,801,439") or ("5,815,372") or ("5,835,355") or ("5,835,988") or ("5,859,471") or ("5,861,666") or ("5,866,949") or ("5,872,025") or ("5,883,426") or ("5,885,849") or ("5,886,412") or ("5,894,108") or ("5,903,052") or ("5,917,242") or ("5,952,611") or ("5,973,403") or ("5,977,640") or ("5,9:6,209") or ("6,001,671") or ("6,005,778") or ("6,013,948") or ("6,034,423") or ("6,034,427") or ("6,051,886") or ("6,057,598") or ("6,060,778") or ("6,072,233") or ("6,072,243") or ("6,080,264") or ("6,093,970") or ("6,097,089") or ("6,107,689") or ("6,127,833") or ("6,133,637") or ("6,160,705") or ("6,172,419") or ("6,180,696") or ("6,180,881") or ("6,184,463") or ("6,214,641") or ("6,230,575") or ("6,235,554") or | US-PGPUB; USPAT | OR | OFF | 2005/09/06 06:39 |
| 4/3/06 8:07:12 AM | C:\Documents and Settings\Clifford\My Documents\EAST\Workspaces\10649940.wsp | | | | | Page 2 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S14 | 1259 | 257/686,777,778,780,790.ccls. and chip and ((through-hole) or (through adj hole)) and @ad<="20030828" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 12:43 |
| S15 | 84 | semiconductor and ((chip-on-chip) and ((through-hole) or (through adj hole))) and @ad<="20030828" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:46 |

EAST Search History

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|-----|-----|---|
| S16 | 126 | (("6,313,522") or ("6,172,419") or ("3,851,221") or ("4,398,235") or ("4,530,152") or ("4,567,643") or ("4,707,724") or ("4,729,061") or ("4,730,232") or ("4,756,080") or ("4,763,188") or ("4,982,265") or ("4,996,587") or ("5,012,323") or ("5,025,306") or ("5,040,052") or ("5,138,438") or ("5,140,404") or ("5,157,480") or ("5,165,067") or ("5,198,888") or ("5,200,362") or ("5,229,647") or ("5,241,133") or ("5,273,938") or ("5,291,061") or ("5,323,060") or ("5,334,875") or ("5,347,429") or ("5,394,010") or ("5,422,435") or ("5,426,563") or ("5,432,729") or ("5,438,224") or ("5,463,253") or ("5,473,196") or ("5,474,957") or ("5,474,958") or ("5,491,612") or ("5,495,394") or ("5,495,398") or ("5,502,289") or ("5,514,907") or ("5,569,625") or ("5,581,498") or ("5,587,341") or ("5,594,275") or ("5,604,376") or ("5,614,766") or ("5,620,928") or ("5,625,221") or ("5,637,536") or ("5,637,912") or ("5,646,828") or ("5,650,593") or ("5,668,405") or ("5,677,569") or ("5,682,062") or ("5,689,135") or ("5,696,031") or ("5,696,666") or ("5,715,147") or ("5,721,452") or ("5,729,051") or ("5,739,581") or ("5,744,827") or ("5,760,471") or ("5,763,939") or ("5,767,528") or ("5,777,387") or ("5,783,870") or ("5,786,239") or ("5,793,108") or ("5,798,014") or ("5,801,439") or ("5,815,372") or ("5,835,355") or ("5,835,988") or ("5,859,471") or ("5,861,666") or ("5,866,949") or ("5,872,025") or ("5,883,426") or ("5,885,849") or ("5,886,412") or ("5,894,108") or ("5,903,052") or ("5,917,242") or ("5,952,611") or ("5,973,403") or ("5,977,640") or ("5,9:6,209") or ("6,001,671") or ("6,005,778") or ("6,013,948") or ("6,034,423") or ("6,034,427") or ("6,051,886") or ("6,057,598") or ("6,060,778") or ("6,072,233") or ("6,072,243") or ("6,080,264") or ("6,093,970") or ("6,097,089") or ("6,107,689") or ("6,127,833") or ("6,133,637") or ("6,160,705") or ("6,172,419") or ("6,180,696") or ("6,180,881") or ("6,184,463") or ("6,214,641") or ("6,233,676") or ("6,233,732") or ("6,233,733") or ("6,233,734") or ("6,233,735") or ("6,233,736") or ("6,233,737") or ("6,233,738") or ("6,233,739") or ("6,233,740") or ("6,233,741") or ("6,233,742") or ("6,233,743") or ("6,233,744") or ("6,233,745") or ("6,233,746") or ("6,233,747") or ("6,233,748") or ("6,233,749") or ("6,233,750") or ("6,233,751") or ("6,233,752") or ("6,233,753") or ("6,233,754") or ("6,233,755") or ("6,233,756") or ("6,233,757") or ("6,233,758") or ("6,233,759") or ("6,233,760") or ("6,233,761") or ("6,233,762") or ("6,233,763") or ("6,233,764") or ("6,233,765") or ("6,233,766") or ("6,233,767") or ("6,233,768") or ("6,233,769") or ("6,233,770") or ("6,233,771") or ("6,233,772") or ("6,233,773") or ("6,233,774") or ("6,233,775") or ("6,233,776") or ("6,233,777") or ("6,233,778") or ("6,233,779") or ("6,233,780") or ("6,233,781") or ("6,233,782") or ("6,233,783") or ("6,233,784") or ("6,233,785") or ("6,233,786") or ("6,233,787") or ("6,233,788") or ("6,233,789") or ("6,233,790") or ("6,233,791") or ("6,233,792") or ("6,233,793") or ("6,233,794") or ("6,233,795") or ("6,233,796") or ("6,233,797") or ("6,233,798") or ("6,233,799") or ("6,233,800") or ("6,233,801") or ("6,233,802") or ("6,233,803") or ("6,233,804") or ("6,233,805") or ("6,233,806") or ("6,233,807") or ("6,233,808") or ("6,233,809") or ("6,233,810") or ("6,233,811") or ("6,233,812") or ("6,233,813") or ("6,233,814") or ("6,233,815") or ("6,233,816") or ("6,233,817") or ("6,233,818") or ("6,233,819") or ("6,233,820") or ("6,233,821") or ("6,233,822") or ("6,233,823") or ("6,233,824") or ("6,233,825") or ("6,233,826") or ("6,233,827") or ("6,233,828") or ("6,233,829") or ("6,233,830") or ("6,233,831") or ("6,233,832") or ("6,233,833") or ("6,233,834") or ("6,233,835") or ("6,233,836") or ("6,233,837") or ("6,233,838") or ("6,233,839") or ("6,233,840") or ("6,233,841") or ("6,233,842") or ("6,233,843") or ("6,233,844") or ("6,233,845") or ("6,233,846") or ("6,233,847") or ("6,233,848") or ("6,233,849") or ("6,233,850") or ("6,233,851") or ("6,233,852") or ("6,233,853") or ("6,233,854") or ("6,233,855") or ("6,233,856") or ("6,233,857") or ("6,233,858") or ("6,233,859") or ("6,233,860") or ("6,233,861") or ("6,233,862") or ("6,233,863") or ("6,233,864") or ("6,233,865") or ("6,233,866") or ("6,233,867") or ("6,233,868") or ("6,233,869") or ("6,233,870") or ("6,233,871") or ("6,233,872") or ("6,233,873") or ("6,233,874") or ("6,233,875") or ("6,233,876") or ("6,233,877") or ("6,233,878") or ("6,233,879") or ("6,233,880") or ("6,233,881") or ("6,233,882") or ("6,233,883") or ("6,233,884") or ("6,233,885") or ("6,233,886") or ("6,233,887") or ("6,233,888") or ("6,233,889") or ("6,233,890") or ("6,233,891") or ("6,233,892") or ("6,233,893") or ("6,233,894") or ("6,233,895") or ("6,233,896") or ("6,233,897") or ("6,233,898") or ("6,233,899") or ("6,233,900") or ("6,233,901") or ("6,233,902") or ("6,233,903") or ("6,233,904") or ("6,233,905") or ("6,233,906") or ("6,233,907") or ("6,233,908") or ("6,233,909") or ("6,233,910") or ("6,233,911") or ("6,233,912") or ("6,233,913") or ("6,233,914") or ("6,233,915") or ("6,233,916") or ("6,233,917") or ("6,233,918") or ("6,233,919") or ("6,233,920") or ("6,233,921") or ("6,233,922") or ("6,233,923") or ("6,233,924") or ("6,233,925") or ("6,233,926") or ("6,233,927") or ("6,233,928") or ("6,233,929") or ("6,233,930") or ("6,233,931") or ("6,233,932") or ("6,233,933") or ("6,233,934") or ("6,233,935") or ("6,233,936") or ("6,233,937") or ("6,233,938") or ("6,233,939") or ("6,233,940") or ("6,233,941") or ("6,233,942") or ("6,233,943") or ("6,233,944") or ("6,233,945") or ("6,233,946") or ("6,233,947") or ("6,233,948") or ("6,233,949") or ("6,233,950") or ("6,233,951") or ("6,233,952") or ("6,233,953") or ("6,233,954") or ("6,233,955") or ("6 |
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EAST Search History

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| S17 | 4 | ((chip-on-chip) with ((through-hole) or (through adj hole))) and interconnect\$4 and @ad<="20030828" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:47 |
| S18 | 45 | semiconductor and ((chip-on-chip) and ((through-hole) or (through adj hole))) and @ad<="20030828" and interconnect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:48 |
| S19 | 1 | ("20040115863").PN. | US-PGPUB | OR | OFF | 2006/03/24 14:46 |
| S20 | 3767 | semiconductor and ((chip-on-chip) or (stack\$4)) and ((through-hole) or (through adj hole)) and @ad<="20030828" and interconnect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:50 |
| S21 | 3273 | semiconductor and ((chip-on-chip) or (stack\$4)) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:50 |
| S22 | 2523 | semiconductor and ((chip-on-chip) or (stack\$4)) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) and (chip or die) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:56 |
| S23 | 1 | semiconductor and ((chip-on-chip) or (stack\$4)) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) and (chip or die) and (interlevel adj interconnect\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:57 |
| S24 | 75 | semiconductor and ((chip-on-chip) or (stack\$4)) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) and (chip or die) and (interlevel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 11:48 |

EAST Search History

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| S25 | 76 | semiconductor and ((chip-on-chip) or (stack\$4) or quad) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) and (chip or die) and (interlevel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 13:37 |
| S26 | 0 | (semiconductor and ((chip-on-chip) or (stack\$4) or quad) and ((through-hole) or (through adj hole)) and @ad<="20030828" and (interconnect or interconnection) and (chip or die) and (interlevel)). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 13:37 |
| S27 | 1 | (semiconductor and ((chip-on-chip) or (stack\$4) or quad) and ((through-hole) or (through adj hole)) and (interconnect or interconnection) and (chip or die) and (interlevel)). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 13:38 |
| S28 | 1 | (semiconductor and ((chip-on-chip) or (stack\$4) or quad) and ((through-hole) or (through adj hole)) and (interconnect or interconnection) and (chip or die) and (interlevel)). clm. | US-PGPUB | OR | ON | 2006/03/27 13:38 |